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Tennessee, Idaho Labs to Host Students for Nuclear Summer School

IDAHO FALLS — School may be out for the summer, but that won't stop engineering students and researchers from exploring the forefronts of nuclear science.

Beginning this week, some 50 students from across the U.S. and around the world will converge on the campus of Oak Ridge National Laboratory to participate in the annual Modeling, Experimentation and Validation (MeV) summer school. The week-long MeV school will provide students with an up close look at advanced materials research that is relevant to the nuclear industry.

"The MeV school is meant to encourage early leadership in nuclear energy," said Phillip Finck, chairman of the executive planning committee.

"While the program originated at Idaho National Laboratory, rotating the sessions to different laboratories allows us to showcase the broad nuclear capabilities across the DOE complex."

The following week, many of the same students will travel to Idaho National Laboratory to participate in the fourth annual Users Week at the Advanced Test Reactor National Scientific User Facility. In this second week-long course, students will participate in technical sessions and laboratory tours centered on nuclear fuels research including discussions on fuel experimentation, fabrication and nano-characterization. Students will also tour INL's Advanced Test Reactor, Central Facilities Area, Materials and Fuels Complex and the Center for Advanced Energy Studies.

The goal of both events is to encourage the development of the next generation of nuclear scientists, engineers and researchers who will carry out the Department of Energy's vision for supporting sustainable, carbon-free nuclear energy.

"Users Week and MeV are the two major nuclear energy educational events created by INL and held each year in the U.S. The National Scientific User Facility is extremely pleased to work with our colleagues at Oak Ridge to create and execute this combined event," said Todd Allen, scientific director of the Advanced Test Reactor National Scientific User Facility. "We think the combined focus on structural materials and fuels for nuclear systems should be an exciting opportunity for the participants."

The MeV school originated at INL in 2009 and several lab scientists lead discussions and serve on the program's advisory board. Users Week began in 2007, when INL's Advanced Test Reactor was named a National Scientific User Facility. As a User Facility, university and industry researchers have greater access to INL's technical experts and unique infrastructure.

For more information on the MeV summer school, visit http://mevschool.org. Additional information on INL's Users Week can be found at http://atrnsuf.inl.gov.

INL is one of the DOE's 10 multiprogram national laboratories. The laboratory performs work in each of DOE's strategic goal areas: energy, national security, science and environment. INL is the nation's leading center for nuclear energy research and development. Day-to-day management and operation of the laboratory is the responsibility of Battelle Energy Alliance.

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